

3rd Annual DOE/UN Hybrid Conference and Workshop

U.S. Department of Energy • Office of Fossil Energy • National Energy Technology Laboratory

May 13-15, 2003 — Newport Beach, CA

The Department of Energy's National Energy Technology Laboratory, a national laboratory supported by the Office of Fossil Energy (FE), and the Office of Energy Efficiency & Renewable Energy (EE&RE) will hold and co-sponsor the Third Annual DOE/UN Hybrid Power Systems Conference and Workshop. The conference will be held at the Radisson Hotel in Newport Beach, California; May 13–15, 2003. The conference is being co-organized and co-sponsored to leverage the distinct and synergistic aspects of the hybrid power systems championed by the separate DOE organizations. This co-sponsoring approach allows common technology components and technical understanding of the renewable and fossil fuel based hybrid power systems to be shared. Additionally the Department of Energy's Federal Energy Management Program (FEMP) will be holding a regional meeting at the same time and location as the Hybrid meeting. The organizers of the Hybrid meeting see this as an opportunity for FEMP managers, as potential early adopters of this technology, to be exposed to new, highly efficient and environmentally friendly technologies that may be applicable to the Federal Energy Management Program. Likewise we hope that the developers of hybrid power systems can appreciate the practical demands required by early adopters of advanced power systems. To facilitate this early adoption potential certain aspects of the hybrid meeting will be shared with the FEMP participants.

Both FE's and EE&RE's hybrid power systems have common technology and market deployment issues. These issues include but are not limited to power electronics, dynamic system modeling, grid connectivity, deregulation and market penetration. It is this commonality of issues that justifies a co-sponsored FE and EE&RE conference. The organizers and supporters for this meeting include the United Nations (UN), the National Fuel Cell Research Center (NFCRC), and the California Energy Commission (CEC). The meeting will focus on the common technical issues and the business case for hybrid power systems and include technical sessions and a facilitated workshop. A reception will be held at the National Fuel Cell Research Center and will include tours of the facilities, various projects including the 220 kW SOFC hybrid operated by Southern California Edison and Siemens-Westinghouse Corporation. The reception will include a poster session to review additional hybrid projects. The meeting will be open to the public.

**Office of Energy Efficiency
and Renewable Energy**

